## Preface

## Acknowledgements

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## **Author's Notes**

- ■Numerous sources were reviewed to create this document. Some of these sources include the following: Kenai National Wildlife Refuge (KNWR) Annual Narrative reports, contaminants files at Western Alaska Ecological Services (WAES) and Regional Ecological Services offices, consulting firm documents, internal U.S. Fish and Wildlife Service (USFWS) documents and various internet sources. Additionally, a refuge visit was conducted from October 4, 1999 to October 8, 1999.
- ■Some parts of this document have been duplicated in their entirety from other USFWS sources as needed. Special care has been taken to cite these sources when large portions of them have been incorporated into this document. Some of these sources include the KNWR Annual Narratives (various authors) and A Summary of Reported Hydrocarbon Spills for Swanson River and Beaver Creek Operating Units from 1956 to February 1999 by James E. Frates.
- ■All existing refuge narratives were reviewed extensively from a contaminants standpoint. The years reviewed were 1948-1995. The narratives from 1971, 1973, 1976 and 1977 could not be located and hence were not reviewed for this document. In 1964, the narrative reports switched from quarterly reports to annual reports. The narratives from 1996-1999 had yet to be completed upon compiling this document.
- ■Even though the refuge was called the Kenai National Moose Range until the passage of the Alaska National Interest Lands Conservation Act (ANILCA) on December 2, 1980, throughout this document it will be referred to it as the Kenai National Wildlife Refuge (KNWR).